## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

		Art Unit: To Be Assigned Examiner: To Be Assigned
In re PATEN	Γ APPLICATION of	Diaminor. To Be Histigada
Applicants:	Shin ISHIBASHI et al.	)
Appln. No.:	To Be Assigned	)
Filed :	January 29, 2004 Continuation of 09/571,334	) ) Information ) Disclosure Statement
For :	FIBER OPTIC MODULE	) Disclosure Statement
Atty. Dkt. :	31238-200393	)
Customer Nu	mber: 26694	)
		January 29, 2004

Mail Stop Reissue Commissioner for Patents PO Box 1450 Arlington, Va 22313-1450

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. § 1.97-1.98.

A Form PTO 1449 listing 65 references is attached.

The present application is a continuation of application number 09/571,334 filed May 15, 2000, which is a continuation of application number 09/087,857, filed June 1, 1998 for reissue of Patent 5,596,663 (which issued on January 21, 1997 on application number 08/372,078 filed January 12, 1995). All of the references listed on the concurrently submitted Form PTO 1449 were cited in the prosecution of the aforementioned patent applications. The Examiner is requested to consult these files for copies of the references in accordance with C.F.R. § 1.98(d).

Grouped below are references and the applications in which the references were submitted. Reference codes correspond to those on concurrently filed Form PTO 1449.

- 1) 08/372,078, filed January 12, 1995 (U.S. 5,596,663): References AA-AH and AM-AP listed on the Form PTO 1449 submitted May 15, 2000 in application no 09/971,334.
- 2) 09/871,334, filed May 15, 2000:
  - a. References AI-AL listed on the Form PTO 1449 submitted May 15, 2000.
  - References BA-BG listed on Form PTO 1449 submitted August 13, 2001 (Second IDS).
  - c. References CA-CD listed on Form PTO 1449 submitted August 22, 2001 (Supplemental to Second IDS).
  - d. References DA-DN listed on Form PTO 1449 submitted September 13, 2002 (Third IDS).
  - e. References EA-EL listed on Form PTO 1449 submitted December 17, 2002 (Fourth IDS).
  - f. References FA-FD listed on Form PTO 1449 submitted December 17, 2002 (Supplemental to Third IDS).
  - g. Reference GA listed on Form PTO 1449 submitted January 10, 2003 (Supplemental to Fourth IDS).
  - h. References HA-HF listed on Form PTO 1449 submitted May 1, 2003 (Fifth IDS).
  - i. References IA-IC listed on Form PTO 1449 submitted June 9, 3003 (Sixth IDS).
  - j. References JA-JB listed on Form PTO 1449 submitted October 6, 2003 (Seventh IDS).
  - k. References KA-KC listed on Form PTO 1449 submitted December 29, 2003 (Eighth IDS).

Since all requirements of 37 C.F.R. § 1.97-1.98, together with all Official guidelines pertaining to Information Disclosure Statements have now been complied with, it is respectfully requested that the Examiner consider the references and make them of record.

Respectfully submitted,

Michael A. Sartori, Ph.D. Registration No. 41,289

VENABLE LLP P.O. Box 34385

Washington, D.C. 20043-9998

Telephone: (202) 344-4000 Telefax : (202) 344-8300

MAS/KBL 517302

Substitute	e for form 1449A/PTO			Complete if Known			
				Application Number	To Be Assigned		
INFO	RMATION	DIS	CLOSURE	Filing Date	January 29, 2004		
STAT	TEMENT B'	Y A	PPLICANT	First Named Inventor	Shin ISHIBASHI		
				Group Art Unit	To Be Assigned		
(use as many sheets as necessary)				Examiner Name	To Be Assigned		
Sheet	1	of	11	Attorney Docket Number	31328-200393	7	

			U.S. PATENT DOCUM	MENTS	
Examiner Initials *	Cite No.1	U.S. Patent Document	——— Name of Patentee or Applicant 1	Date of Publication of	Pages, Columns, Lines, Where Relevan
		Number Kind Code <sup>2</sup> (if known)	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
	AA .	4,129,349	von ROESGEN	12/78	
	AB	4,149,072	SMITH et al.	4/79	
	AC	4,291,943	BINEK et al.	9/81	
	AD	4,595,839	BRAUN et al.	6/86	
-	AE	5,111,363	YAGl et al.	5/92	
	AF	5,202,943	CARDEN et al.	4/93	
	AG	5,295,214	CARD et al.	3/94	
	AH	5,416,871	TAKAHASHI et al.	5/95	
	AI	5,717,533	POPLAWSKI et al.	2/98	
	AJ	5,734,558	POPLAWSKI et al.	3/98	
	AK	5,864,468	POPLAWSKI et al.	1/99	
	AL	5,879,713	POPLAWSKI et al.	3/99	

	FOREIGN PATENT DOCUMENTS												
Examiner Initials*		For Office <sup>3</sup>	eign Patent Do Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>					
	AM	EPO	437161			7/91							
	AN	EPO	624962		-	11/94	,						
	AO	UK	2087681			5/82							
-	AP	JP	3-218134			9/91							

Examiner	Date
Signature	Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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	Group Art Unit	To Be Assigned	
(use as many sheets as necessary)	Examiner Name	To Be Assigned	

**Examiner Name** 

Attorney Docket Number

	l	U.S. Patent	Document	U.S. PATENT DOCUM	The state of the s	
Examiner Initials *	Cite No. <sup>1</sup>	Number Kind Code <sup>2</sup> (if known)		Name of Patentee or Applicant     of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
	BA	5,228,188		HOWE	05/12/92	
	BB	5,113,317		BADIHI et al.	07/20/93	
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			F	OREIG	N PATENT DOCU	MENTS		
Examiner Initials*	Cite No. <sup>1</sup>	For Office <sup>3</sup>		nent nd Code <sup>5</sup> (known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
	BC	DE	84 22 793			12/06/84		
	BD	DE	43 33 387			03/31/94		
	BE	DE	36 40 099			06/01/88		
	BF	EP	630 174			12/21/94		
	BG	DE	39 27 752			1991		
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Sheet	3	of	11	Attorney Docket Number			

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	CA	5,497,289	SUGISHIMA et al.	03/05/96								
	СВ	4,836,107	LANG et al.	06/06/89								
	СС	5,057,025	KLATT et al.	10/15/91								

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Examiner Initials*	Cite No. <sup>1</sup>	For Office <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)		Kind Code <sup>5</sup> or Applicant of	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Тв
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STA	TEMENT BY	<b>/</b> A	PPLICANT	First Named Inventor	Shin ISHIBASHI	
				Group Art Unit	To Be Assigned	
	(use as many shee	ets as	necessary)	Examiner Name	To Be Assigned	
Sheet	4	of	11	Attorney Docket Number	31238-200393	

				FOREIGI	N PATENT DOCU	MENTS		
Examiner	Cite No.1	Foreign Patent Document  Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup>		Name of Patentee or Applicant of	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant		
Initials*	No.*	Office <sup>3</sup>	Number <sup>4</sup> (i	f known)	Cited Document	MM-DD-YYYY	Passages or Relevant Figures Appear	Τ <sub>β</sub>
	DA	DE	4303780C1					
	DB	DE	4013630A1					
	DC	DE	3701788A1					
	DD	wo	95/20845					
	DE	GB	2253317A					
	DF	GB	2194700A					
	DG	DE	3735038A1					
	DH	DE	3743483A1					
	DI	DE	4209253C1					
	DJ	JP	3-116669		·			
	DK	JP	4-116372					

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
	DL	German Office Action citing publications DA-DG and translation dated August 7, 1996	
	DM	German Opposition Statement citing publications DH-DJ and translation dated July 10, 2002	
	DN	Japan Office Action citing pubs DK-DL and AP (see p.1)	
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Examiner	Date		
Signature	 Considered		

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STAT	<b>TEMENT B</b>	Y A	PPLICANT	First Named Inventor	Shin ISHIBASHI	
				Group Art Unit	To Be Assigned	
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Sheet	5	of	11	Attorney Docket Number	31238-200393	

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		U.S. Patent Document	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant				
Examiner Initials *	Cite No. <sup>1</sup>	Number Kind Code <sup>2</sup> (if known)	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear				
	EA	5,005,939	Arvanitakis et al.	04-19-1991					
	EB	5,475,518	Karaki	12-12-1995					
	EC	5,109,454	Okuno et al.	4-28-1992					
	ED	5,479,288	Ishizuka et al.	12-26-1995					
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	FOREIGN PATENT DOCUMENTS								
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	EE	JP	4-42756			04-10-1992		Yes	
	EF	JP	5-52802			07-13-1993		Yes	
	EG	JP	3-157606			07-05-1991		Abs.	
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Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	•
No.' number(s), publisher, city and/or country where published.	T <sup>2</sup>
EH Japan Office Action citing JP-A-3-218134 and JP-A-5-215943 of record, and translation, dated October 29, 2002.	Yes
EI Japan Office Action citing JP-A-3-218134 of record and documents AA and AE, and translation, dated October 29, 2002.	Yes
EJ Japan Office Action citing JP-A-3-218134 and JP-A-5-215943 of record, and translation, dated October 29, 2002.	Yes
EK Japan Office Action citing JP-A-3-218134 of record and Japanese patent document corresponding to document EB, and translation, dated November 5, 2002.	Yes
EL Japan Office Action citing JP-A-5-215943 of record, Japanese patent documents corresponding to documents EC and ED, and documents EF and EG, and translation, dated November 19, 2002.	Yes
E	October 29, 2002.  Japan Office Action citing JP-A-3-218134 of record and documents AA and AE, and translation, dated October 29, 2002.  Japan Office Action citing JP-A-3-218134 and JP-A-5-215943 of record, and translation, dated October 29, 2002.  K Japan Office Action citing JP-A-3-218134 of record and Japanese patent document corresponding to document EB, and translation, dated November 5, 2002.  Japan Office Action citing JP-A-5-215943 of record, Japanese patent documents corresponding to

Examiner Signature	9- 0	Date Considered	

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Sheet	5	of	11	Attorney Docket Number	31238-200393

U.S. PATENT DOCUMENTS								
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	Cite No. <sup>1</sup>	Number Kind Code <sup>2</sup> (if known)	of Cited Document	Cited Document  MM-DD-YYYY	Passages or Relevant Figures Appear			
	EA	5,005,939	Arvanitakis et al.	04-19-1991				
	EB	5,475,518	Karaki	12-12-1995				
	EC	5,109,454	Okuno et al.	4-28-1992				
	ED	5,479,288	Ishizuka et al.	12-26-1995				

				FOREIGI	N PATENT DOCL	MENTS		
Examiner Initials*	Cite No. <sup>1</sup>	For Office <sup>3</sup>	reign Patent Doo Number <sup>4</sup>	cument Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
	EE	JР	4-42756			04-10-1992		Yes
	EF	JP	5-52802			07-13-1993		Yes
	EG	JP	3-157606			07-05-1991		Abs.
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
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	ЕН	Japan Office Action citing JP-A-3-218134 of record and JP-A-5-215943 (equivalent to U.S. Patent 5,202,943, of record), and translation, dated October 29, 2002.	Yes
	EI	Japan Office Action citing JP-A-3-218134 of record and documents AA and AE, and translation, dated October 29, 2002.	Yes
	EJ	Japan Office Action citing JP-A-3-218134 and JP-A-5-215943 of record, and translation, dated October 29, 2002.	Yes
_	EK	Japan Office Action citing JP-A-3-218134 of record and Japanese patent document corresponding to document EB, and translation, dated November 5, 2002.	Yes
	EL	Japan Office Action citing JP-A-5-215943 of record, Japanese patent documents corresponding to documents EC and ED, and documents EF and EG, and translation, dated November 19, 2002.	Yes

Examiner Signature	Date Considered	



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	FA	5,606,	161		Schulz	02-25-1997	
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	FB	DE	37 35 038	Al		04-27-1989		Yes		
	FC	DE	37 43 483	A1		07-13-1989		Yes		
	FD	DE	42 09 253	C1		02-25-1993		Yes		
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	GA	JP	3-157606			07-05-1991		Yes
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STAT	<b>TEMENT B</b>	Y A	PPLICANT	First Named Inventor	Shin ISHIBASHI	
				Group Art Unit	To Be Assigned	
(use as many sheets as necessary)				Examiner Name	To Be Assigned	
Sheet	8	of	11	Attorney Docket Number	31238-200393	

	U.S. PATENT DOCUMENTS								
Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document  Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	HA	5,011,246	Corradetti et al.	April 30, 1991					
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	FOREIGN PATENT DOCUMENTS							
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Initials*	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> ( <i>if known</i> )	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
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Examiner Signature	Date Considered	



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			CLOSURE	Filing Date	January 29, 2004	
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				Group Art Unit	To Be Assigned	
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Sheet	9	of	11	Attorney Docket Number	31238-200393	

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
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	IB	21 C.F.R. § 1040.10 (revised as of April 1, 2002).				
	IC	Thomas & Betts, "INFO-LAN™ Transceiver," 1988.				
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Signature	Considered	

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			CLOSURE	Filing Date	January 29, 2004	
STATEMENT BY APPLICANT				First Named Inventor	Shin ISHIBASHI	
				Group Art Unit	To Be Assigned	
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Sheet	10	of	11	Attorney Docket Number	31238-200393	

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	JВ	BT&D Technologies, "Products from BT&D: Datacommunications," Jan. 1990.				

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Signature	A AND C.	Considered	

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INFORMATION DISCLOSURE				Filing Date	January 29, 2004	
STAT	<b>TEMENT B</b>	Y A	PPLICANT	First Named Inventor	Shin ISHIBASHI	
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Examiner Initials *	Cite No.1	U.S. Patent Documen	Name of Patentee or Applicant	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
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	KA	5,019,769	Levinson	05-28-1991			

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> ( <i>if known</i> )	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T <sub>6</sub>
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OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
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	КВ	AMP, "Optimate Transceivers Application Note," Publication #4661-8, Oct. 1989.				
	KC	N. Yoshizawa et al., "1.25 Gb/s Transceiver with SC Duplex Optical Receptacle," Spring Conference in 1993 of The Institute of Electronics, Information and Communication Engineers, page 4-146, 1993 (and translation).	<b>✓</b>			

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